

Notice of Allowability

Application No.

09/910,811

Examiner

Raj Jain

Applicant(s)

BADALUCCO ET AL.

Art Unit

2664

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/2/05.
2. ☒ The allowed claim(s) is/are 1-11.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Paul Wilson on October 13, 2005.

The application has been amended as follows:

Delete claims 1 and 11, and replace with following new claims 1 and 11 respectively;

Claim 1. (New) A transport interface for time division frames, being transmitted between network nodes according to a specified transport protocol, each of said nodes comprising:

first circuit means for processing said time division frames according to said specified transport protocol, and

second circuit means for exchanging second information streams with said first circuit means through said transport interface to receive a request from the first circuit

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means and return to the first circuit means data originated from the second circuit

means in response to the request,

wherein the transport interface comprises circuitry for structuring said second information streams as a data stream sent bi-directionally, and an address information.

Claim 11. (New) A method for interfacing time division frames, in a telecommunications network that provides for extraction and exchange of the data streams multiplexed in said time division frames between a time division frame processing circuit and devices for processing the data streams contained in said time division frames, the method comprising:

allocating a data stream and an address information for bi-directional information exchange between the time division frame processing circuit and the devices for processing the data streams; and

returning to the time division frame processing circuit data originated from the devices for processing the data streams in response to a request from the time division frame processing circuit.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

Claims 1 and 11 are allowed. The prior art discloses a method and system for a transport interface for time division frames to be transmitted between network nodes based on a given transport protocol, furthermore, the prior art also discloses a first

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circuit means for processing the TDM frames and a second circuit means for exchanging of information between the first circuit and second circuit.

The prior art however fails to disclose or suggest means through said transport interface to receive a request from the first circuit means and return to the first circuit means data originated from the second circuit means in response to the request from the first circuit means.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Raj Jain whose telephone number is 571-272-3145. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin can be reached on 571-272-3134. The fax number for the organization where this application is assigned is 571-273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2600.

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RJ
October 17, 2005

A handwritten signature in black ink, consisting of stylized, overlapping loops and a long horizontal stroke extending to the right.

WELLINGTON CHIN
SENIOR PATENT EXAMINER